
COST ACTION MEMBERS BIO

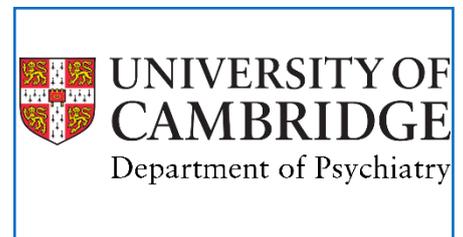
TITLE: WELLCOME TRUST CLINICAL FELLOW,

HONORARY CONSULTANT PSYCHIATRIST

NAME: DR SAM CHAMBERLAIN

INSTITUTION/UNIVERSITY: DEPARTMENT OF

PSYCHIATRY, UNIVERSITY OF CAMBRIDGE.



BIO:

Dr Sam Chamberlain is a Wellcome Trust Fellow and Honorary Consultant Psychiatrist, at the University of Cambridge Department of Psychiatry, and Cambridge & Peterborough NHS Foundation Trust. His research and NHS work focus on the neurobiology and treatment of impulsive and compulsive disorders. Key examples include attention-deficit hyperactivity disorder (ADHD), obsessive-compulsive disorder, hair pulling disorder (trichotillomania), gambling disorder, and Internet Use Disorder. These conditions are common, functionally impairing, but often hidden and under-treated.

Dr Chamberlain's research involves examining impulsivity and compulsivity using objective cognitive tests, innovative medications, and brain imaging. For example, he was the first to show that noradrenaline and serotonin, two key brain transmitters, play different roles in distinct aspects of impulsivity in humans. He identified several vulnerability markers for obsessive-compulsive disorders – cognitive problems that run in families of people with these conditions. Dr Chamberlain, along with collaborators in the US, identified a new treatment for gambling disorder, and showed that this medication works partly by enhancing cognition and brain activation in patients.

Dr Chamberlain has published widely on impulsivity and compulsivity, including first-authored papers in *Science*, the *American Journal of Psychiatry*, *Biological Psychiatry*, and the *Archives of General Psychiatry*. He is co-author of several books including 'Clinical Guide to Obsessive Compulsive and Related Disorders' and 'Why Can't I Stop? Reclaiming Your Life from a Behavioral Addiction'. He is Associate Editor at *Neuroscience and Biobehavioral Reviews*, and acts as reviewer for a variety of journals and organizations (including the European Commission Science Directorate). Dr Chamberlain is internationally recognised for his research work and has received various awards, including the Wyeth Award for Psychopharmacology from the British Association for Psychopharmacology, and a Clinical Fellowship from the Wellcome Trust.